



Rescheduled: CCR Project Status Mtg (call in #- 919/541-1595)

Thu 01/31/2013 9:30 AM - 11:00

AM

Attendance is **required** for Greg Helms

Chair: **Susan Thorneloe/RTP/USEPA/US**

No Location Information

Susan Thorneloe has rescheduled this meeting. You have not yet responded.

i There was a schedule conflict for our mtg on Thursday, Jan 31st. Rather than starting at 8:30 EST, we will begin at 9:30 EST. Hope that works for everyone. The conference line has changed to 919/541-1595.

Required:	a.garrabrants@Vanderbilt.Edu, benware.richard@epa.gov, David.Kosson@Vanderbilt.Edu, Greg Helms/DC/USEPA/US@EPA, hans@vanderslootconsultancy.nl, Jim Voit/CI/USEPA/US@EPA, Kariher.Peter@epa.gov, livnat.alexander@epa.gov, Mark Baldwin/DC/USEPA/US@EPA, Mills.Jason@epamail.epa.gov, Peter Kariher/RTP/USEPA/US@EPA, Richard Benware/DC/USEPA/US@EPA, rossane.c.delapp@Vanderbilt.Edu, sohini.sarkar@Vanderbilt.Edu, Souhail Al-Abed/CI/USEPA/US@EPA, Thabet Tolaymat/CI/USEPA/US@EPA, Timothy Taylor/DC/USEPA/US
Optional:	Albert Venosa/CI/USEPA/US@EPA, David Carson/CI/USEPA/US@EPA, Frank Princiotta/RTP/USEPA/US@EPA, Randy Parker/CI/USEPA/US@EPA, Richard Shores/RTP/USEPA/US@EPA
Resources:	RTP-Line-541-1595/Phone Line/RTP-Conf Bridge

Description

To discuss updates on:

1. Website notice for release of LEAF methods 1314 and 1315?
2. Changes to User interface on LeachXS-Lite and embedded tutorials (Work considered by OSWER as a priority for 2013)
3. Report on use of LEAF outputs for developing source terms (Work considered by OSWER as a priority for 2013)
4. Status of field vs lab leachate data report : Have received all comments; working to revise for submittal into administrative review.
5. DAF update & memo for Alex re COPCs to monitor using HBNs and DAF values --- Hoping to get this from Richard.
6. Review of outline for guidance document for implementation of LEAF in policy decisions (OSWER is funding this and is the technical lead; we are providing support)
7. Other topics or upcoming mtgs?
8. Review of ES&T papers on EPRI study on use of fly ash in cementitious materials

Completed!!! - the two LEAF Validation Rpts & The Use of fly ash in cementitious materials!

Rpt for validation of 1313 & 1316 is posted!

Rpt for validation of 1314 & 1315 - is posted!

Rpt on fly ash use in cementitious material is posted!

Region 2 report on Agremax is cleared Administrative review and is publication queue. -
EPA/600/R/12/724



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CCR Project Status Meeting (919/541-1592)

Tue 02/12/2013 9:30 AM - 11:00 AM

Attendance is **required** for Greg Helms

Chair: **Susan Thorne/oe/RTP/USEPA/US**

No Location Information

Required:

a.garrabrants@Vanderbilt.Edu, benware.richard@epa.gov, David.Kosson@Vanderbilt.Edu, Greg Helms/DC/USEPA/US@EPA, hans@vanderslootconsultancy.nl, Jim Voit/CI/USEPA/US@EPA, Kariher.Peter@epa.gov, livnat.alexander@epa.gov, Mark Baldwin/DC/USEPA/US@EPA, Mills.Jason@epamail.epa.gov, Peter Kariher/RTP/USEPA/US@EPA, Richard Benware/DC/USEPA/US@EPA, rossane.c.delapp@Vanderbilt.Edu, sohini.sarkar@Vanderbilt.Edu, Souhail Al-Abed/CI/USEPA/US@EPA, Thabet Tolaymat/CI/USEPA/US@EPA, Timothy Taylor/DC/USEPA/US

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Resources:

RTP-Line-541-1592/Phone Line/RTP-Conf Bridge@EPA

Description

o discuss updates on:

1. Website notice for release of LEAF methods 1314 and 1315? - Andy responded to some additional questions; posting appears to be back on track
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EPA/600/R/12/724

Personal Notes



Susan-- I cannot get into the conference line - CCR Project Status Meeting (919/541-1592)

Greg Helms to: Susan Thorneloe

02/12/2013 09:51 AM

Gregory Helms
U.S. EPA
Waste Characterization Branch
Office of Solid Waste and Emergency Response
phone: 703-308-8845
fax: 703-308-0514
helms.greg@epa.gov

Address for regular/USPS mail:
1200 Pennsylvania Ave. NW
Mail Code 5304P
Washington, DC 20460

Address for overnight/hand delivery mail:
Two Potomac Yard
2733 S. Crystal Dr.
5th Floor; N-5611
Arlington, VA 22202

See OSWER's new LEAF leach test methods at:

http://epa.gov/wastes/hazard/testmethods/sw846/new_meth.htm

For an overview of hazardous waste regulation see the RCRA Orientation Manual, at:
www.epa.gov/epawaste/inforesources/pubs/orientat/

----- Forwarded by Greg Helms/DC/USEPA/US on 02/12/2013 09:50 AM -----



CCR Project Status Meeting (919/541-1592)

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	Al-Abed/CI/USEPA/US@EPA, Thabet Tolaymat/CI/USEPA/US@EPA, Timothy Taylor/DC/USEPA/US
Optional:	Albert Venosa/CI/USEPA/US@EPA, David Carson/CI/USEPA/US@EPA, Frank Princiotta/RTP/USEPA/US@EPA, Randy Parker/CI/USEPA/US@EPA, Richard Shores/RTP/USEPA/US@EPA
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Personal Notes



Update on CCR research using LEAF

Susan Thorneloe to: Timothy Taylor
Cc: Richard Shores, Greg Helms

02/12/2013 02:50 PM

Let me know if you want to discuss the information provided below.

Here is a recent presentation. The last two slides provide outputs from FY2012:



Thorneloe-Israel-Final-11-28-2012.pdf

Here is a more detailed list of what was accomplished in 2012:

1. Draft submitted to QA review, and internal and external peer reviews of :
Laboratory-to-Field Comparisons for Leaching Evaluation using the Leaching
Environmental Assessment Framework
2. Participation in EPRI Study to evaluate the use of fly ash in cementitious
materials where we supplied fly ash being marketed for cement applications and
also developed QAPP and had it reviewed through APPCD. Two papers in ES&T
are to be published that document this research.
3. Draft submitted into QA and internal peer review of: Leaching Behavior of
“AGREMAX” Collected from a Coal-Fired Power Plant in Puerto Rico; In
publication queue. To be released by 2/15/13.
4. Completed report to validate LEAF Methods 1313 and 1316: **Interlaboratory
Validation of the Leaching Environmental Assessment Framework (LEAF)
Method 1313 and Method 1316, EPA/600-R-12/623, September 2012.** Review
included external peer review which added time and additional work to address
additional comments.
5. Completed report to validate LEAF Methods 1313 and 1316: **Interlaboratory
Validation of the Leaching Environmental Assessment Framework (LEAF)
Method 1314 and Method 1315, EPA/600-R-12/624, September 2012.** Review
included external peer review which added time and additional work to address
additional comments
6. Completed report to compile available data evaluating the use of fly ash in
cementitious materials: ***The Impact of Coal Combustion Fly Ash Used as a
Supplemental Cementitious Material on the Leaching of Constituents from
Cements and Concretes, EPA/600/R/12/704, October 2012.*** Review included
external peer review which added time and additional work to address additional
comments

7. Leaching Environmental Assessment Framework methods 1313, 1314, 1315, 1316 addressing all program office comments for posting as completed methods on EPA's website. This is what Greg Helms is posting in his emails:

See OSWER's new LEAF leach test methods at:

http://epa.gov/wastes/hazard/testmethods/sw846/new_meth.htm

8. Completed reviews of report of data gap analysis of CCR use in engineering and commercial applications along with electronic database that compiles and critiques available data: ***Data Gap Analysis to Identify Available Leaching Data on the Use of Coal Combustion Residues for Potential Beneficial Use Applications, EPA/600/R-12/708. Have one last set of comments to address. This got put on back burner.***
9. Presentation for EPA & AWMA Information Exchange on LEAF Test Methods: Validation and Application in Dec 2011.
10. Received Science Technical Achievement Award from EPA's Office of Solid Waste and Emergency Response in recognition of my commitment to bringing new tools into service that will support EPA's mission of applying sound science in the protection of human health and the environment, through completion of method validation for Methods 1313 and 1315 under the Leaching Environmental Assessment Framework.
11. Sole author on chapter on "Fate of Mercury in Coal Combustion Residues" in book titled Mercury Emissions Control for Coal-Derived Gas Streams. Chapter is in draft and undergoing review to be published in 2013 as part of Wiley book publication.
11. Received on the spot-award for comments made in meeting with EPA Administrator on the regulatory options for the Effluent Guideline update for coal-fired power plants. The on the spot award was given by ORD's Office of Science and Policy.
12. Paper on "***Sustainable Materials Management Using the Leaching Environmental Assessment Framework Test Methods***". Published in the *Proceedings Sardinia 2011, Thirteenth International Waste Management and Landfill Symposium; S. Margherita di Pula, Cagliari, Italy; 3 - 7 October 2011.*

U.S. Environmental Protection Agency
Office of Research and Development
National Risk Management Research Laboratory
109 T.W. Alexander Drive (E305-02)
Research Triangle Park, NC 27711
Phone: 919/541-2709



[Show Details](#)

CCR Project Status Mtg (919/541-1591)

Tue 02/19/2013 9:30 AM - 10:30

AM

Attendance is **required** for Greg Helms

Chair: **Susan Thorneloe/RTP/USEPA/US**

No Location Information

Required:

a.garrabrants@Vanderbilt.Edu, benware.richard@epa.gov, David.Kosson@Vanderbilt.Edu, Greg Helms/DC/USEPA/US@EPA, hans@vanderslootconsultancy.nl, Jim Voit/CI/USEPA/US@EPA, Kariher.Peter@epa.gov, livnat.alexander@epa.gov, Mark Baldwin/DC/USEPA/US@EPA, Mills.Jason@epamail.epa.gov, Peter Kariher/RTP/USEPA/US@EPA, Richard Benware/DC/USEPA/US@EPA, rossane.c.delapp@Vanderbilt.Edu, sohini.sarkar@Vanderbilt.Edu, Souhail Al-Abed/CI/USEPA/US@EPA, Thabet Tolaymat/CI/USEPA/US@EPA, Timothy Taylor/DC/USEPA/US

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3. Report on use of LEAF outputs for developing source terms (**Identified as a priority by OSWER for 2013**)
4. Status of field vs lab leachate data report : Have received all comments; working to revise for submittal into administrative review by end of Feb.
5. DAF update & memo for Alex re COPCs to monitor using HBNs and DAF values --- **Hoping to get input from Richard.**
6. Review of outline for guidance document for implementation of LEAF in policy decisions (Greg has 2013 funding for the guidance and is to send out the outline for review)
7. Other topics or upcoming mtgs?
8. Andy and David report that paper with EPRI study findings is ready to be submitted to ES&T ; working on 2nd paper to have ready within next couple of weeks for submittal to journal

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EPA/600/R/12/724 - should be posted any day.

Personal Notes
